

Message Text

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SUBJECT: MEDITERRANEAN BASIN ENERGY CONSERVATION TECHNOLOGY
EXHIBITION AND CONFERENCE, U.S. TRADE CENTER, MILAN, MARCH
25-30, 1979

REF: STATE 150425

1. FOLLOWING INFORMATION SUBMITTED IN RESPONSE TO REFTEL.

2. MAJOR ENERGY USERS IN SPAIN BY SECTOR ARE AS FOLLOWS
(ANNUAL CONSUMPTION IN MILLIONS OF KWH): MISCELLANEOUS
INDUSTRIES (25,095), HOUSEHOLD (16,584), CHEMICAL INDUSTRY
(10,383), IRON AND STEEL INDUSTRY (9,529), MISCELLANEOUS
SERVICES (6,837), COMMERCE AND SERVICES (6,774), NON-
FERROUS METALLURGY (5,355) AND PRIMARY SECTOR (4,501).

3. ANNUAL AVERAGE COAL CONSUMPTION BY SECTOR (IN MILLIONS
OF METRIC TONS) IS: THERMAL PLANTS (11.4), IRON AND STEEL
INDUSTRY(8.8) AND OTHER USERS(3.8). ANNUAL AVERAGE FUEL
OIL CONSUMPTION (IN MILLIONS OF METRIC TONS) IS: MISCEL-
LANEOUS (8.7), THERMAL PLANTS (5.4), CEMENT PRODUCING
PLANTS (2.4) AND BASIC METAL INDUSTRY (1.3).
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4. PRINCIPAL USES TO WHICH ENERGY APPLIED BY SECTORS ARE:
THERMAL PLANTS (GENERATION OF ELECTRICITY), IRON AND STEEL
INDUSTRY (PROCESS HEAT, HEAT TREATING, MATERIALS HANDLING),
CEMENT PRODUCING PLANTS (MATERIALS HANDLING, HEAT TREATING),
CHEMICAL INDUSTRY (SPACE CONDITIONING, MATERIALS HANDLING),

CONSTRUCTION MATERIALS (HEAT TREATING, MATERIALS HANDLING),
COMMERCE AND SERVICES (SPACE CONDITIONING, MATERIALS
HANDLING).

5. INFORMATION AVAILABLE DOES NOT PERMIT SECTORIAL BREAK-
DOWN REQUESTED PARAS. 3 AND 4 REFTEL. GOS OFFICIALS
INFORMALLY DESCRIBE PLANTS FOR CONVERTING ENERGY INTO
USEFUL POWER AS MODERN AND ADVANCED WITH NATIONAL AVERAGE
PRODUCTION COST OF PESETAS 2.23 PER KWH WITH SELLING PRICE
AVERAGING PESETAS 2.61 PER KWH. SECTORS ARE DESCRIBED
GENERALLY AS BEING ABLE AND WILLING TO ADOPT NEW CONSERVA-
TION TECHNOLOGY, INCLUDING FOREIGN. ROBERT LECHEVALIER
OF SOLAR APPLICATIONS DIVISION, DOE, CONCLUDED ON JULY 7
CONVERSATIONS WITH A NUMBER OF GOS OFFICIALS RESPONSIBLE
FOR ENERGY MATTERS. HE ALSO OBTAINED A LARGE NUMBER OF
DOCUMENTS ON THAT SUBJECT. WE BELIEVE HE CAN PROVIDE
FURTHER PERSPECTIVE AND UNDERSTANDING BY SECTOR AND
SUGGEST HE BE CONSULTED.

6. THE SPANISH ENERGY PLAN (1978-1987) PREPARED BY GOS
AND PRESENTLY BEING CONSIDERED BY THE CORTES, ADDRESSES
CONSERVATION ON PAGES 78-84. THESE MEASURES ARE REPORTED
IN SUMMARY FORM IN MADRID A-100 OF JUNE 29, 1978, PAGES
14, 15, AND 16. FUNDS ARE NOT AVAILABLE FROM THE GOS FOR
INVESTMENT IN CONSERVATION TECHNOLOGY EXCEPT TO THE EXTENT
THAT FUNDS ARE INCLUDED IN THE BUDGETS OF COMPANIES WHICH
ARE OWNED IN WHOLE OR IN PART THROUGH THE NATIONAL
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INDUSTRIAL INSTITUTE (INI), THE GOVERNMENT HOLDING COMPANY.
OTHERWISE, THE PRIVATE SECTOR IS RESPONSIBLE FOR FUNDING
INVESTMENTS IN CONSERVATION TECHNOLOGY. TODMAN

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